

**LICENSEE EVENT REPORT**

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	A	N	A	S	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	9	14						15	25										26	30					57	58	
		LICENSEE CODE							LICENSE NUMBER											LICENSE TYPE						CAT		

REPORT SOURCE L 6 0 5 0 0 0 3 3 8 7 0 6 0 4 7 9 8 0 6 2 7 7 9 9

60 61 DOCKET NUMBER 63 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During steady state operation, the Axial Flux Difference deviated greater than 5% from

0 3 the target for a 2 minute duration. This is contrary to T.S. 3.2.1. The AFD was

0 4 returned to within the target band within the 15 minute allowance of Action Statement

0 5 2.1 of T.S. 3.2.1.

0	6
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 This event is reportable as per T.S. 6.9.1.9.b. There are no generic implications.

07 | This event did not affect the health and safety of the general public.

0 8 | \_\_\_\_\_ 8

SYSTEM CODE R C (11)		CAUSE CODE X (12)		CAUSE SUBCODE Z (13)		COMPONENT CODE Z Z Z Z Z Z (14)				COMP. SUBCODE Z (15)		VALVE SUBCODE Z (16)	
7 8		9 10		11 12		13 14 15 16 17 18				19 20		21 22	
LER/RO REPORT NUMBER (17)		EVENT YEAR 7 9 (21) (22)		SEQUENTIAL REPORT NO. 0 7 5 (24) (25) (26)		OCCURRENCE CODE 0 3 (28) (29)		REPORT TYPE L (30)		REVISION NO. 0 (32)			
ACTION TAKEN X (18)		FUTURE ACTION Z (19)		EFFECT ON PLANT B (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22) (23) (24) (25)		ATTACHMENT SUBMITTED Y (23)		NPRD-4 FORM SUB. N (24)	
33 34		35 36		37 38		39 40		41 42		43 44		45 46 47	
PRIME COMP. SUPPLIER Z (25)		COMPONENT MANUFACTURER Z 9 9 9 (26) (27) (28) (29)											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the AFD deviation was a xenon oscillation initiated by a rod operability  
1 1 test. Immediate corrective action was a power reduction of 2% which restored the AFD  
1 2 to within the target band. Surveillance of the xenon oscillation was continued to  
1 3 prevent further AFD deviations.

1 4

8 9 FACILITY STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32

1 5 E 28 0 9 9 29 N/A A 31 Operator Observation 32

3 8 9 10 12 13 44 45 46 80

ACTIVITY CONTENT  
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)  
1 6 Z 33 Z 34 N/A  
2 8 9 10 11 44

LOCATION OF RELEASE (36)  
N/A  
45 80

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	(37)	Z	(38)	N/A		

7		8		9		11		12		13	
PERSONNEL INJURIES											
		NUMBER				DESCRIPTION					
1	2	0	0	0	40	N/A		(41)			

7 8 9 11 12  
LOSS OF OR DAMAGE TO FACILITY (43)  
TYPE DESCRIPTION  
1 9 7 (42) N/A

7 8 9 10  
PUBLICATIONS  
ISSUED DESCRIPTION (45) 7906290 205 NRC USE ONLY  
2 0 N (44) N/A

W. R. Cartwright

703-894-5151

NRC USE ONLY

7906290205

2164 062

#### Description of Event

On 6-4-79 during steady state operation, the Axial Flux Difference deviated greater than -5% from the target for a 2 minute duration. This is contrary to T.S. 3.2.1.

The AFD was returned to within the target band within the 15 minute allowance of Action Statement a.1 of T.S. 3.2.1.

This event is reportable as per T.S. 6.9.1.9.b.

#### Probable Consequences of Occurrence

Surveillance of the Axial Flux Difference assures that the limits of the heat flux hot channel factor are not exceeded during normal operation or in the event of Xenon redistribution following power changes. This provides protection against exceeding the DNBR and peak fuel clad temperatures.

Since the AFD was returned to its limit within the time allotted, there was no effect upon the safe operation of the plant. As a result, the public health and safety was not affected.

There are no generic implications for Unit #2.

#### Cause of Occurrence

The AFD deviation was a xenon oscillation which was initiated by a rod operability test.

#### Immediate Corrective Action

An RCS boration and a power reduction of 2% was the action taken to restore the AFD to within the target band.

#### Scheduled Corrective Action

Surveillance of the xenon oscillation was continued to prevent further AFD deviations.

#### Actions Taken To Prevent Recurrences

No further actions are required.